



PTO/SB/063 (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	
				Filing Date	September 24, 2003
				First Named Inventor	BEDI, Sanjeev
				Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	PAT 51393A-2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages of Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
MWP	1	5,722,805-A	03-03-1998	Giffin	
MWP	2	5,398,946-A	03-21-1995	Quiring	
MWP	3	5,779,404-A	07-14-1998	Jore	
MWP	4	5,682,800-A	11-04-1997	Jore	
MWP	5	5,881,613-A	03-16-1999	Han	
MWP	6	2,177,979-A	10-31-1939	Davis	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number * Kind Code ⁴ (if known)			
MWP	1	WO 97 21512 A	06-19-1997	Giffin	
MWP	2	DE 42 07337 C	06-09-1993	Helkfer & Co. KG	
MWP	3	TW 241594	02-21-1995		

Examiner Signature	<i>Michael W. Talbot</i>	Date Considered	<i>11/16/05</i>
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Substitute for form 1449A/PTO				Complete if Known	
				Application Number	
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				First Named Inventor	BEDI, Sanjeev
				Art Unit	
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		Number-Kind Code ² (If known)				
MW	7	4,632,613-A		12-30-1986	Wollerman	
MW	8	4,692,073-A		09-08-1987	Martindell	
MW	9	6,053,675-A		04-25-2000	Holland et al.	
MW	10	6,261,035-B1		07-17-2001	Moores Jr. et al.	
MW	11	6,270,085-B1		08-07-2001	Chen et al.	
MW	12	6,325,393-B1		12-04-2001	Chen et al.	

FOREIGN PATENT DOCUMENTS							
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		Country Code ⁴ Number ⁵ Kind Code ⁶ (If known)					

Examiner Signature	<i>Michael W. Tally</i>	Date Considered	11/16/05
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Substitute for form 1449A/PTO

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		Number-Kind Code ^{2 (if known)}			
<i>pwj</i>	13	6,347,914-B1	02-19-2002	Boyle et al.	
<i>pwj</i>	14	6,474,656-B1	11-05-2002	Thomas	

FOREIGN PATENT DOCUMENTS

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		Country Code ⁴ Number ⁴ Kind Code ⁵ (if known)				

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